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# Acronyms



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°C	degrees Celsius	CCP	Comprehensive Conservation Plan
°F	degrees Fahrenheit	CDNR	Colorado Department of Natural Resources
µg/L	micrograms per liter	CDOT	Colorado Department of Transportation
%	percent	CDOW	Colorado Division of Wildlife
AASHTO	American Association of State Highway and Transportation Officials	CDPHE	Colorado Department of Public Health and Environment
ACHP	Advisory Council on Historic Preservation	CDS	critical demographic slowdown
AF	acre-feet/acre-foot	CDSS	Colorado Decision Support System
AF/yr	acre-feet per year/acre-foot per year	CEC	Chadwick Ecological Consultants, Inc.
ANFO	Ammonium Nitrate Fuel Oil	CEQ	Council on Environmental Quality
APCD	Air Pollution Control Division	CFR	Code of Federal Regulations
APE	Area of Potential Effects	cfs	cubic feet per second
AQCC	Air Quality Control Commission	cm	centimeter
ARNF	Arapaho & Roosevelt National Forests	CNHP	Colorado Natural Heritage Program
ASR	aquifer storage and recovery	CO	carbon monoxide
AST	aboveground storage tank	CO <sub>2</sub> e	carbon dioxide equivalent
ASTM	American Society for Testing and Materials	Corps	U.S. Army Corps of Engineers
AUM	Animal Unit Month	CPW	Colorado Parks and Wildlife (formerly Colorado Division of Wildlife [CDOW])
AWTP	Advanced Water Treatment Plant	CR	County Road
BA	Biological Assessment	CR	Colorado River
BAGS	Bedload Assessment in Gravel-bedded Streams	CRCA	Colorado River Cooperative Agreement
BCZ	Block Clearance Zone	CRRP	Colorado River Return Project
bdl	below detection limit	CRWCD	Colorado River Water Conservation District
bgs	below ground surface	CS-I	Cold Stream Tier I
Bi-City	Littleton-Englewood	CS-II	Cold Stream Tier II
BLM	Bureau of Land Management	CSA	Combined Service Area
BMP	Best Management Practice	CWA	Clean Water Act
BO	Biological Opinion	CWCB	Colorado Water Conservation Board
BR	Blue River	CWSD	Centennial Water and Sanitation District
C-BT	Colorado-Big Thompson		
C.R.S.	Colorado Revised Statute		
CAA	Clean Air Act		

## Acronyms

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cy	cubic yard	FIRM	Flood Insurance Rate Map
DAU	data analysis unit	FONSI	Finding of No Significant Impact
dB	decibel	FR	Forest Road
dba	A-weighted decibel scale	FR	Fraser River
dbh	diameter at breast height	FRICO	Farmers Reservoir and Irrigation Company
Denver Water	Board of Water Commissioners	ft/ft	feet per foot
DIA	Denver International Airport	GB	greenback
DM	daily maximum	GCWIN	Grand County Water Information Network
DO	dissolved oxygen	GCWSD	Grand County Water and Sanitation District
DOLA	Department of Local Affairs	GEI	GEI Consultants, Inc.
DRCOG	Denver Regional Council of Governments	GHG	greenhouse gas
<i>E. Coli</i>	<i>Escherichia coli</i>	GIS	Geographic Information System
EA	Environmental Assessment	GMU	game management unit
EC	Environmental Consequence	gpcd	gallon per capita per day
ECA	Environmental Conservation Area	GPS	Global Positioning System
ECHO	Enforcement and Compliance History Online	H'	Shannon-Weaver Diversity Index
EFC	Environmental Flow Component	H:V	horizontal to vertical
EIS	Environmental Impact Statement	ha	hectare
ELOHA	Ecological Limits of Hydrologic Alteration	HAP	hazardous air pollutant
EO	Executive Order	HBI	Hilsenhoff Biotic Index
EPA	U. S. Environmental Protection Agency	HEC-RAS	Hydrologic Engineering Centers-River Analysis System
EPT	Ephemeroptera, Plecoptera and Trichoptera	I-#	Interstate #
ESA	Endangered Species Act	ID	identification
ET	Existing Technology	IF	Isolated Find
FACWET	Functional Assessment of Colorado Wetlands	IFIM	Instream Flow Incremental Methodology
FEMA	Federal Emergency Management Agency	IGA	Intergovernmental Agreement
FERC	Federal Energy Regulatory Commission	IHA	Indicators of Hydrologic Alteration
FHWA	Federal Highway Administration	IMPROVE	Interagency Monitoring of Protected Visual Environments
		IRP	Integrated Resources Plan
		ISDS	individual sewage disposal system
		JSA	Joint Sewer Authority
		kg	kilogram

## Acronyms

kg/yr	kilogram per year	NAAQS	National Ambient Air Quality Standards
km	kilometer		
KOP	Key Observation Point	NAC	noise abatement criteria
L <sub>A</sub>	A-weighted sound level	NCWCD	Northern Colorado Water Conservancy District
L <sub>dn</sub>	day-night average sound level	NDIS	Natural Diversity Information System
L <sub>eq</sub>	equivalent sound level		
lb	pound	NEPA	National Environmental Policy Act of 1969, as amended
LBD	Learning by Doing	NF	North Fork
LEPDA	least environmentally damaging practicable alternative	NHD	National Hydrography Dataset
		NHPA	National Historic Preservation Act of 1966, as amended
LG	logistics		
LIRF	lawn irrigation return flows	NISP	Northern Integrated Supply Project
LT50	temperature which causes a 50% mortality rate after 96 hours	NO <sub>2</sub>	nitrogen dioxide
		NO <sub>x</sub>	oxides of nitrogen
m	meter	NOA	Notice of Availability
m <sup>2</sup>	square meter	NOAA	National Oceanic and Atmospheric Administration
m/s	meter per second		
MCL	Maximum Contaminant Level	NOI	Notice of Intent
MeHg	methylmercury	NPDES	National Pollutant Discharge Elimination System
MEPP	Magnolia Environmental Preservation Plan	NPIC	North Poudre Irrigation Company
mg/L	milligrams per liter	NPS	National Park Service
mgd	million gallons per day	NRCS	Natural Resources Conservation Service
MIS	Management Indicator Species		
mm	millimeter	NRHP	National Register of Historic Places
Mm <sup>-1</sup>	inverse megameters	NTU	nephelometric turbidity unit
MMI	Multimetric Macroinvertebrate Index	NWI	National Wetland Inventory
		NWR	National Wildlife Refuge
MOA	Memorandum of Agreement	NWSRS	National Wild and Scenic Rivers System
MPM	Meyer-Peter and Müller		
MPN	most probable number	O <sub>3</sub>	ozone
MPWCD	Middle Park Water Conservancy District	O&M	operations and maintenance
		OAHP	Office of Archaeology and Historic Preservation
Moffat Project	Moffat Collection System Project		
		OHV	off-highway vehicle
MW	megawatt	ORV	Outstandingly Remarkable Value
MWAT	maximum weekly average temperature		

## Acronyms

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OSHA	Occupational Safety and Health Administration	ROD	Record of Decision
OWTS	on-site wastewater treatment system	ROM	rough order-of-magnitude
PA	Programmatic Agreement	ROW	right-of-way
PACSM	Platte and Colorado Simulation Model	RSI	Riffle Stability Index
PAH	polyaromatic hydrocarbon	SBC	South Boulder Creek
Pb	lead	SDC	system development charge
PCA	Potential Conservation Area	SEL	sound exposure level
pCi/g	picoCuries per gram	SEO	State Engineer's Office
PEL	Permissible Exposure Level	SH	State Highway
PEM	palustrine emergent wetland	SHPO	State Historic Preservation Officer
PHABSIM	Physical Habitat Simulation	SIA	Secondary Impact Area
PIA	Primary Impact Area	SIP	State Implementation Plan
PM <sub>2.5</sub>	particulate matter less than 2.5 microns in diameter	SMP	Stream Management Plan
PM <sub>10</sub>	particulate matter less than 10 microns in diameter	SMS	Scenery Management System
ppm	parts per million	SMWSA	South Metro Water Supply Authority
Project	Moffat Collection System Project	SNTMP	Instream Water Temperature Model
PRRIP	Platte River Recovery Implementation Program	SO <sub>x</sub>	sulfur oxide
PRV	pressure reducing valve	SO <sub>2</sub>	sulfur dioxide
PSA	Public Service Announcement	SPPP	South Platte Protection Plan
psf	pounds per square foot	Springs Utilities	Colorado Springs Utilities
PSS	palustrine scrub-shrub	SPWCP	South Platte Water Conservation Project
PUMA	Preserve Unique Magnolia Association	SPWRAP	South Platte Water Related Activities Program, Inc.
PWP	Prairie Waters Project	SRI/CSE	Stream Reach Inventory and Channel Stability Evaluation
PWSD	Parker Water and Sanitation District	SSTEMP	Stream Segment Temperature Model
RDC	relative development cost	SWA	State Wildlife Area
Reclamation	U.S. Department of the Interior, Bureau of Reclamation	STORET	storage and retrieval
RFFA	reasonably foreseeable future action	TAM	triacinomyxon
RIMBY	Right In My Backyard	TCHD	Tri-County Health Department
RMP	Resource Management Plan	TDS	total dissolved solid
		TIN	total inorganic nitrogen
		TMDL	total maximum daily load
		TN	total nitrogen

## Acronyms

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TOC	total organic carbon	WAT	weekly average temperature
TP	total phosphorous	WF	Williams Fork
tpy	tons per year	WGFP	Windy Gap Firing Project
TSS	total suspended solids	WISE	Water Infrastructure and Supply Efficiency
U.S.	United States	WPRWSD	Winter Park Recreation and Water and Sanitation District
UPCO	Upper Colorado River Basin Study	WQCC	Water Quality Control Commission
UPRR	Union Pacific Railroad	WQCD	Water Quality Control Division
URS	URS Corporation	WRAA	Water Rights Acquisition Area
US #	U.S. Highway #	WTP	Water Treatment Plant
USFS	U.S. Forest Service	WUA	weighted usable area
USFWS	U.S. Fish and Wildlife Service	WWTP	Wastewater Treatment Plant
USGS	U.S. Geological Survey	YOY	young-of-the-year
UST	underground storage tank	yr	year
VOC	volatile organic compound	ZLD	zero liquid discharge
WAPA	Western Area Power Administration		

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